

M.D. (Allopathic Medicine)

Advising Sheet

Allopathic Medicine is centralized around the idea that a medical doctor should be a physician-scientist. An M.D.'s responsibilities include treatment and care of individuals with both acute and chronic diseases and conditions, using preventative approaches through patient education. A doctor practicing allopathic medicine diagnoses the patient, supervises his/her care, prescribes medication and treatment methods, and works to improve healthcare. A degree in allopathic medicine usually consists of four years of study, with two of these years dedicated to science and the other two to clinical rotations. Once graduated, students enter residency programs lasting three to eight years depending on the specialty being pursued. For instance, training in family practice, general internal medicine, or general pediatrics usually lasts two to three years, while training in surgery may last five to eight years. Some medical schools offer joint degree programs which include an MD degree with a dual degree in PhD, MPH, JD, or MBA.

Common Pre-Med (Allopathic) Prerequisite Courses

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| Biology | One Year of Coursework with Lab (dependent on your major) | BIOL 151 & BIOL 152 |
| Chemistry | One Year of Coursework with Lab | CHEM 120A & CHEM 120B |
| Organic Chemistry | One Year of Coursework with Lab | CHEM 301A & CHEM 301B (LAB: 302) |
| Physics | One Year of Coursework with lab Please note: Undergraduate major may determine physics requirement | PHYS 211 (LAB : 211L) & PHYS 212 (LAB: 212L) |
| Mathematics | At least one semester of Math is generally required. Some schools require no math, whereas some require calculus, while others require calculus & statistics. *Statistics is highly recommended for the MCAT. | #1) MATH 150A & MATH 150B (Calculus 1 & 2) #2) MATH 130 & MATH 338 (short course Calc & Stats) **for stats: OR stats courses offered by your department for your major |
| Biochemistry | One semester is strongly recommended but may be required by other Medical Schools. *A full year of Biochemistry is highly recommended for the MCAT. | Biology majors: CHEM 421 (LAB: CHEM 422) Biochem majors: CHEM 423A & CHEM 423B (LAB: 422) |
| English | One year is required for most medical schools in the country. Please note: this can be integrated in upper-division science courses that fulfill writing requirements for major. | ENGL 101 & ENGL 301 |
| Social and Behavioral Science | Introductory psychology and sociology are highly recommended for the MCAT. | PSYC 101 SOCI 101 |

Suggested Courses

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| Molecular Biology, Genetics, Physiology, and Microbiology | Advanced level sciences courses are desirable. Performing well in upper division sciences further demonstrates your ability to handle the rigorous science based curriculum found in medical school. *Physiology is recommended to prepare you for the MCAT. | Molec Bio: BIOL 309 Genetics: BIOL 273 Physiology: BIOL 310 (LAB: 310L) Microbio: BIOL 302 |
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Application Timeline



January

- Review AMCAS website
- Start researching various medical schools
- Inquire about Intent to Apply at the Health Professions Advising Office on campus

February

- Request letters of evaluation from letter writers
- Intent to Apply packet due
- Register for MCAT, if you have not already
- Begin drafting personal statement

March

- Revise personal statement with HPAO advisor
- Keep researching schools

April/May

- Take MCAT at the latest in May
- Look into AMCAS application opening up

June/July

- Finalize and submit AMCAS application
- Work with Intent to Apply to send your committee packet out via AMCAS

August

- Secondary applications start to come out
- Verify school deadlines for submitting paperwork

September-December

- Continue Secondary applications
- Interview and visit with schools
- Make an appointment with the CSUF Career Center and HPAO for a mock interview to practice.

Intent to Apply

The HPAO at CSUF offers this service to all allopathic applicants each cycle. This service helps the student obtain a committee letter from the Health Professions Committee on campus and forms the student's committee packet for professional medical schools. The HPAO will also upload the committee packet to AMCAS and assist you on filling out your application. The Intent to Apply cycle always starts in February. Please contact the HPAO for more information.

Resources:

On Campus: SHPA, LMSA, AMSA, Flying Samaritans, SHS, Prescribing Hope

CSUF Career Center- <http://www.fullerton.edu/career/>

Off Campus: Association of American Medical Colleges (AAMC)- <https://www.aamc.org/>

AAMC Fee Assistance Program- <https://students-residents.aamc.org/applying-medical-school/applying-medical-school-process/fee-assistance-program/>

MCAT- <https://students-residents.aamc.org/applying-medical-school/taking-mcat-exam/>

Your best resource on campus!

California State University,
Fullerton
Health Professions Advising Office
UH-223
800 N. State College Blvd.,
Fullerton, CA

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Email:

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Website:

<http://www.fullerton.edu/healthprofessions/>



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